

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Franz ARMBRUSTER et al.

Application No. 10/790,746

Confirmation No. 2900

Filed: March 3, 2004

Art Unit: 1641

For: FUNCTIONAL VITAMIN D DERIVATIVES  
AND METHOD OF DETERMINING 25-  
HYDROXY- AND 1ALPHA,25-DIHYDROXY-  
VITAMIN D

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Examiner: S. Haq

**RESPONSE TO FINAL ACTION UNDER 37 C.F.R. 1.116**

July 21, 2011

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated April 21, 2011, please amend the above-identified U.S. patent application as follows:

**Amendments to the claims** begin on page 2 of this paper; and

**Remarks/Arguments** begin on page 6 of this paper.